

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A display comprising:

a capacitance sensor arranged to detect a presence of a user and including:

a first electrode defined by a frontmost electrode of the display, the frontmost electrode defining a single electrode that is used both as a display electrode arranged to activate the display and as a sensing electrode of the capacitance sensor to detect the presence of the user; and

a second electrode defined by one of:

a case of the display; and

a power terminal of a circuit that is arranged to drive or control the display and that is not arranged to oppose the first electrode to activate the display.

Claim 2 (original): A display according to claim 1, in which the display comprises an electroluminescent display.

Claim 3 (currently amended): A display according to claim 1, in which the ~~the~~ capacitance sensor further includes electronics arranged to measure the capacitance between the first electrode and the second electrode and to output a signal based upon the measurement of the capacitance.

Claim 4 (currently amended): A display according to claim 2, in which the ~~the~~ first electrode is arranged to activate light-emitting areas of the electroluminescent display.

Claim 5 (previously presented) A display according to claim 3, further comprising circuitry arranged to activate the display based upon the signal.

Claim 6 (previously presented): A display according to claim 1, in which the power terminal is a ground terminal.

Claim 7 (previously presented): A display according to claim 5, in which a diode is arranged to protect either the capacitance sensor or the circuitry arranged to activate the display.

Claim 8 (withdrawn): A display according to claim 1, in which the capacitance sensor comprises a capacitance and the display is arranged to detect the time taken to charge the capacitance to a specific value.

Claim 9 (withdrawn): A display according to claim 8, in which the display is arranged to charge the capacitance at two or more charging rates.

Claim 10 (withdrawn): A display according to claim 9, in which the display is arranged to charge the capacitance at a first rate for a first period of time so as to charge the capacitance to close to a threshold voltage, followed by a second, significantly slower, rate, until the threshold voltage is reached.

Claim 11 (withdrawn): A display according to claim 10, in which the display is arranged to detect a change in the time taken to reach the threshold voltage to indicate the presence of a user.

Claim 12 (withdrawn): A display according to claim 10, in which the display is arranged to adjust the first period of time by feedback from the time taken to charge the capacitance to the threshold voltage.

Claim 13 (currently amended): An electroluminescent display comprising:

a capacitance sensor including:

a first electrode defined by a frontmost electrode of the electroluminescent display and arranged to activate light-emitting areas of the electroluminescent display;

a second electrode defined by one of:

a case of the electroluminescent display; and

a power terminal of a circuit that is arranged to drive and control the electroluminescent display and that is not arranged to oppose the first electrode to activate the display; and

electronics arranged to:

measure the capacitance between the first electrode and the second electrode; ~~process the signal and~~ to determine a presence of a user;

provide a signal based upon the determination of the presence of a user;

and

activate the electroluminescent display based upon the signal.

Claim 14 (currently amended): A display comprising:

a capacitance sensor arranged to detect a presence of a user and including a first electrode defined by a front electrode of the display; and

a protection ~~member~~ diode arranged to protect the capacitance sensor from an excessive voltage on the front electrode and including:

a first end connected to the front electrode of the display; and

a second end connected to at least one circuit element of the capacitance sensor.

Claim 15 (currently amended): A display according to claim 14, wherein:
the capacitance sensor further includes a second electrode defined by one of:
a case of the display and
a power terminal of a circuit that is arranged to drive or control the display and
that is not arranged to oppose the first electrode to activate the display; and
the front electrode defines a single electrode that is used both as a display electrode
arranged to activate the display and as a sensing electrode of the capacitance sensor to detect
the presence of the user.

Claim 16 (currently amended): A display according to Claim 14, wherein the front
electrode defines a single electrode that is used both as a display electrode arranged to activate
the display and as a sensing electrode of the capacitance sensor to detect the presence of the
user.